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**SUPPLEMENTAL INFORMATION
DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

1

of

4

Complete if Known	
Application Number	10/540,940
Filing Date	June 23, 2005
First Named Inventor	Boaz RAN et al.
Art Unit	2886
Examiner Name	Michael Patrick STAFIRA

Attorney Docket Number

36317

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number <small>Number-Kind Code² (if known)</small>	Publication Date DD-MMM-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
1	US-2002/0117517	02-Aug-2002	Unger et al.			
2	US-5,313,264	17-May-1994	Ivarsson et al.			
3	US-5,633,724	27-May-1997	King et al.			
4	US-5,907,408	25-May-1999	Naya et al.			
5	US-5,917,607	29-Jun-1999	Naya			
6	US-5,917,608	29-Jun-1999	Naya et al.			
7	US-5,926,284	20-Jul-1999	Naya et al.			
8	US-6,008,893	28-Dec-1999	Roos et al.			
9	US-6,268,125	31-Jul-2001	Perkins			
10	US-6,326,612	04-Dec-2001	Elkind et al.			
11	US-6,404,492	11-Jun-2002	Xu et al.			
12	US-6,424,418	23-Jul-2002	Kawabata et al.			
13	US-6,570,657	27-May-2003	Hoppe et al.			
14	US-6,600,563	29-Jul-2003	Bahatt et al.			
15	US-6,692,974	17-Feb-2004	Perkins			
16	US-6,801,317	05-Oct-2004	Hofmann			
17	US-6,873,417	29-Mar-2005	Bahatt et al.			
18	US-7,251,085	31-Jul-2007	Bahatt et al.			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Documents <small>Country Code² Number³ Kind Code⁴ (if known)</small>	Publication Date DD-MMM-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		T ⁵
19	JP 03-064313	12-Jul-2000	Sjödin				
20	JP 03-294605	24-Jun-2002	Sjödin				
21	EP 0341928	15-Nov-1989	Finlan et al.				
22	EP 0442921	28-Aug-1991	Ivarsson et al.				
23	EP 0867697	30-Sep-1998	Xu et al.				
24	JP 09-126888	16-May-1997	Jiyo et al.				
25	JP 09-292332	11-Nov-1997	Naya				
26	JP 09-292333	11-Nov-1997	Naya				
27	EP 0938661	01-Sep-1999	Perkins				
28	EP 1068511	17-Jan-2001	Hoppe et al.				
29	JP 11-037929	12-Feb-1999	Yasunaka et al.				

Examiner Signature	Date Considered
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Substitute for form 1449A/PTO SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known		
Sheet		2	of	4	Application Number	10/540,940
				Filing Date	June 23, 2005	
				First Named Inventor	Boaz RAN et al.	
				Art Unit	2886	
				Examiner Name	Michael Patrick STAFIRA	
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FOREIGN PATENT DOCUMENTS						
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Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)						
30	JP 2001-504582	03-Apr-2001	Perkins			
31	JP 2001-526386	18-Dec-2001	Bahatt et al.			
32	JP 2002-540405	26-Nov-2002	Roos et al.			
33	AU 742417	03-Jan-2002	Ivarsson			
34	PCT WO 00/22419	20-Apr-2000	Hoppe et al.			
35	PCT WO 01/20295	22-Mar-2001	Lipson et al.			
36	PCT WO 01/86262	15-Nov-2001	Hofmann			
37	PCT WO 02/055993	18-Jul-2002	Heaton et al.			
38	PCT WO 02/063349	15-Aug-2002	Saaski			
39	PCT WO 02/36485	10-May-2002	Hansson et al.			
40	PCT WO 2004/059301	15-Jul-2004	Ran et al.			
41	PCT WO 90/05317	17-May-1990	Sjödin			
42	PCT WO 98/22808	28-May-1998	Perkins			
43	PCT WO 98/57149	17-Dec-1998	Nikitin et al.			
44	PCT WO 99/30135	17-Jun-1999	Bahatt et al.			
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				Examiner Name	Michael Patrick STAFIRA
				Attorney Docket Number	36317
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
	45	??? "An Introduction to SPR-Surface Plasmon Resonance", 2 P., 2002. http://www.ukssaf.org/tech/spr.html .			
	46	??? "BIAcore Surface Plasmon Resonance (SPR)", 3 P., 2002. http://www.astbury.leeds.ac.uk/Facil/spr.htm			
	47	Berger et al. "Surface Plasmon Propagation Near An Index Step", MESA Institute, Applied Optics Group, University of Twente, P.1-10, 2002, http://ips.ens.fr/~berger/articles/art4/OptComm/htm .			
	48	Berger et al. "Surface Plasmon Resonance Multisensing", Analytical Chemistry, 70(4): 703-706, 1998.			
	49	Grigorenko et al. "Dark-Field Surface Plasmon Resonance Microscopy", Optics Communications, 174: 151-155, 2000.			
	50	Grigorenko et al. "Phase Jumps and Interferometric Surface Plasmon Resonance Imaging", Applied Physics Letters, 75(25): 3917-3919, 1999.			
	51	Herminghaus et al. "Phase Contrast Surface Mode Resonance Microscopy", Quantum Electronics, 112: 16-20, 1994.			
	52	Homola et al. "Surface Plasmon Resonance Sensors: Review", Sensors and Actuators, B 54: 3-15, 1999.			
	53	Kabashin et al. "Interferometer Based on a Surface-Plasmon Resonance for Sensor Applications", Quantum Electronics, 27(7): 653-654, 1997.			
	54	Kabashin et al. "Phase - Polarisation Contrast for Surface Plasmon Resonance Biosensors", Biosensors & Bioelectronics, 13: 1263-1269, 1998.			
	55	Kabashin et al. "Surface Plasmon Resonance Bio-and Chemical-Sensors With Phase-Polarisation Contrast", Sensors and Actuators, B 54: 51-56, 1999.			
	56	Kabashin et al. "Surface Plasmon Resonance Interferometer For Bio-and Chemical-Sensors", Optics Communications, 150: 5-8, 1998.			
	57	Kochergin et al. "Phase Properties of a Surface-Plasmon Resonance From the Viewpoint of Sensor Applications", Quantum Electronics, Vol. 28(5): 444-448, 1998.			
	58	Kochergin et al. "Visualisation of the Angular Dependence of the Reflected-Radiation Phase Under Conditions of a Surface-Plasmon Resonance and its Sensor Applications", Quantum Electronics, 28(9): 835-839, 1998.			
	59	Löfås et al. "Bioanalysis With Surface Plasmon Resonance", Sensors and Actuators B Chemical, 5(1/4): 79-84, 1991. P.79, Col.2, Par.2 - P.81, Col.1, Par.2.			
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